

Title (en)
Three-way ball valve

Title (de)
Drei-Wege-Kugel Ventil

Title (fr)
Soupape à bille à trois voies

Publication
EP 2944884 B1 20160504 (EN)

Application
EP 14168337 A 20140514

Priority
EP 14168337 A 20140514

Abstract (en)
[origin: EP2944884A1] A three-way ball valve (10) for boiler-filling circuits has a ball plug (22) internally that is movable between a first position in which a first and second conduit (17, 18) are put in connection and in which a third conduit (19) is excluded and a second position in which the first and the third conduit (17,19) are brought into connection and the second conduit (18) is excluded; the first and the second conduit (17,18) are arranged in a perpendicular position to one another and the first and third conduit (17,19) are arranged in a position substantially parallel and axially offset one another; opposite sealing members (23,24) are also provided that act on the plug (22) and ensure the seal. A simple, cheap and compact valve is thus obtained that enables the use of shut-off valves to be avoided and does not alter the geometry of the filling circuit.

IPC 8 full level
F24D 3/10 (2006.01)

CPC (source: EP)
F16K 11/0873 (2013.01); **F16K 11/22** (2013.01); **F16K 27/067** (2013.01); **F24D 3/1083** (2013.01)

Citation (examination)

- US 5944055 A 19990831 - DICKY JULIUS [US]
- DE 2401459 B1 19750123

Cited by
NL2018198B1; WO2018135946A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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